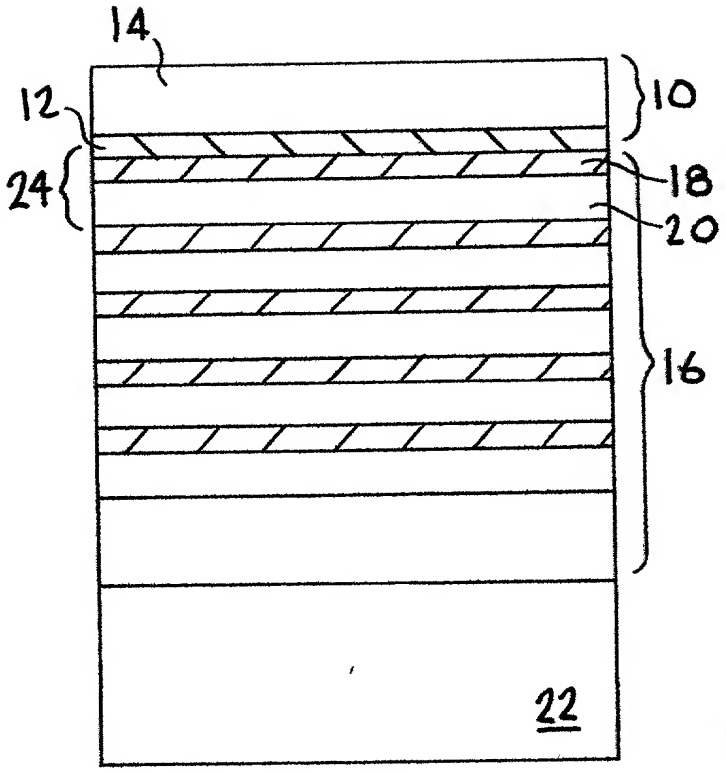


FIG. 1

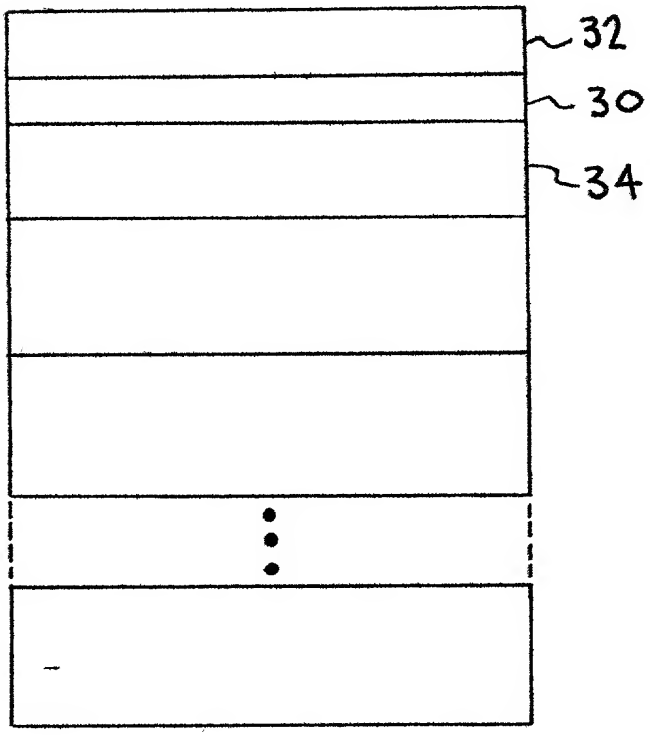


FIG. 2

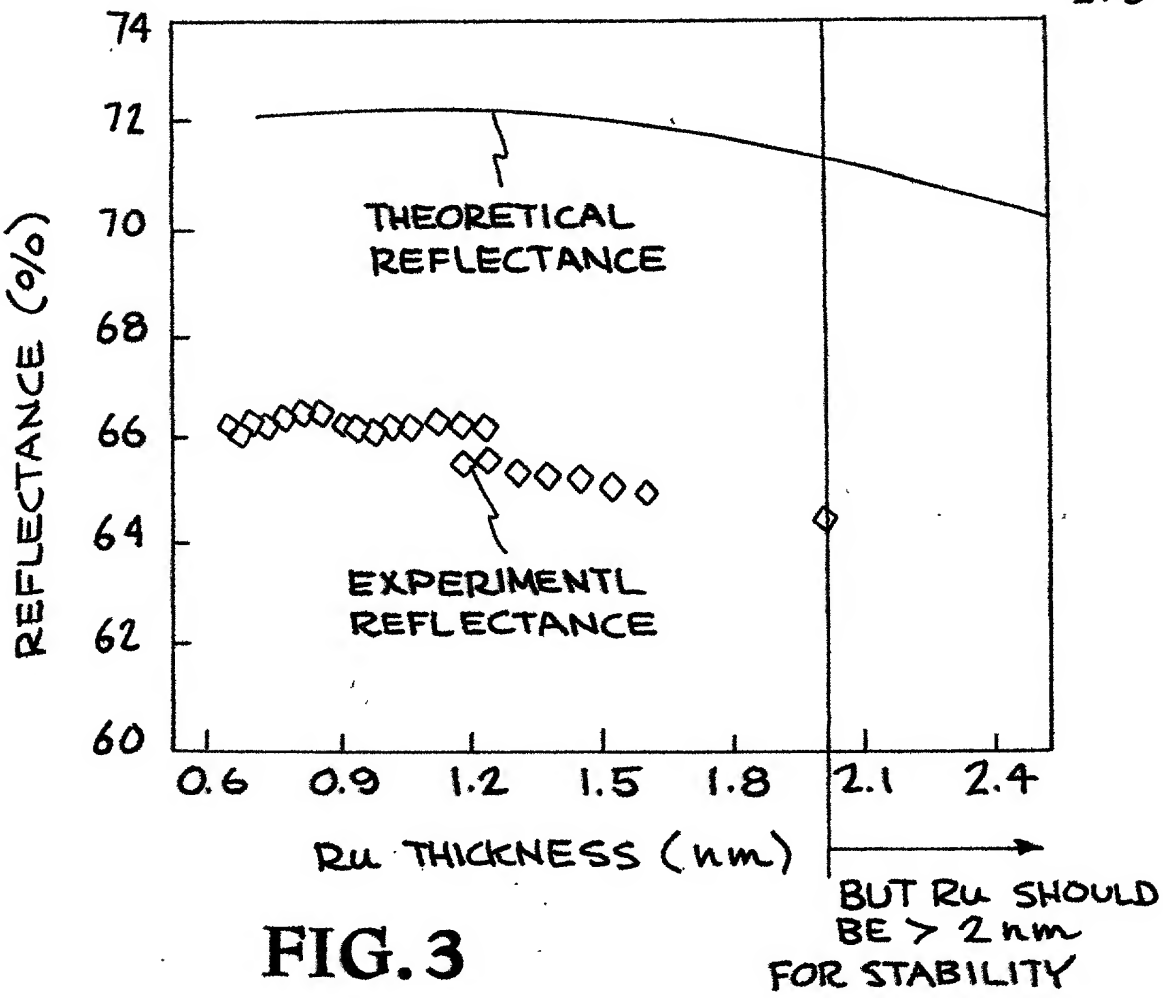


FIG. 3

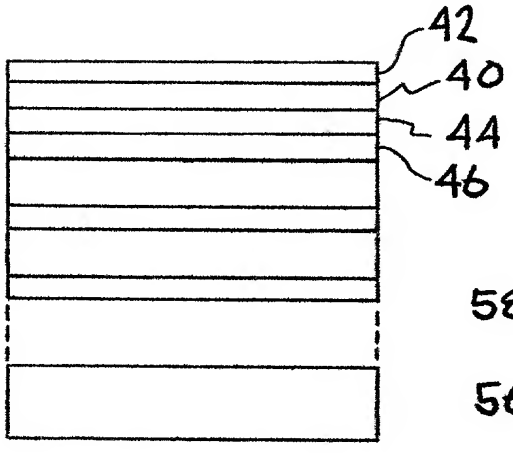


FIG. 4A

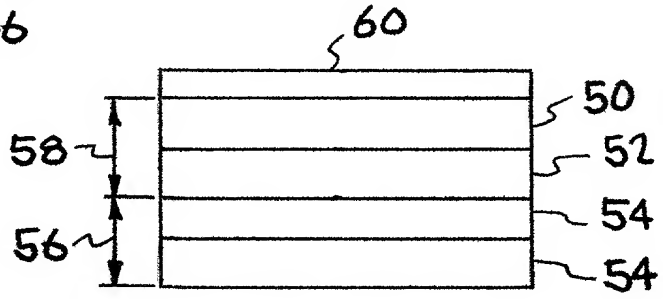


FIG. 4B

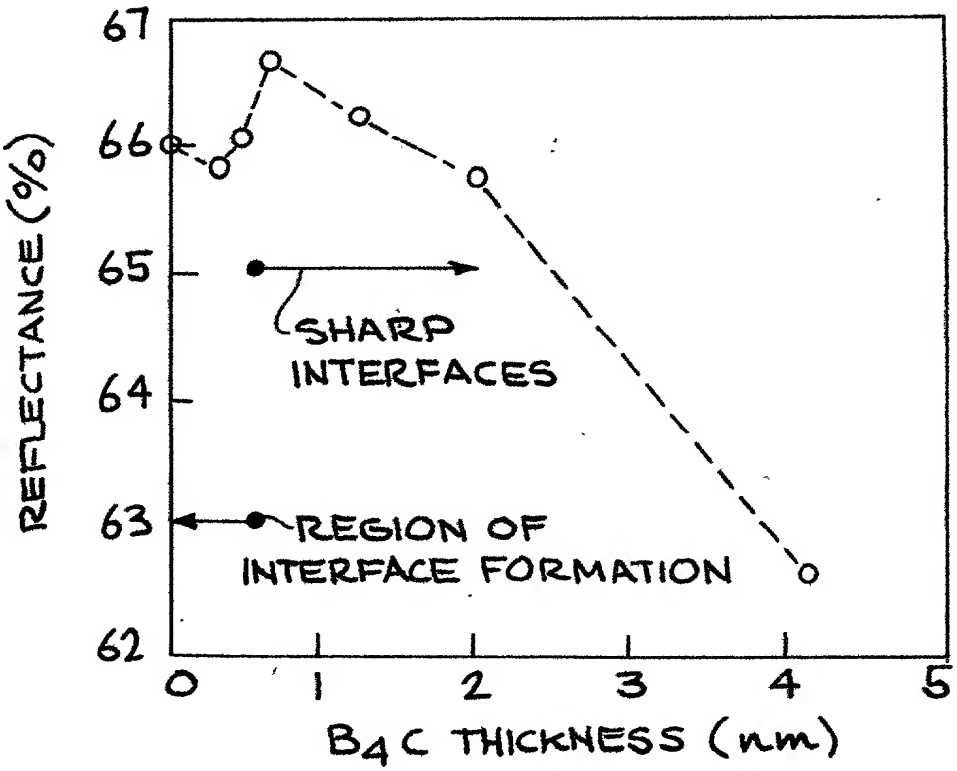
67
66
65
64
63
62
REFLECTANCE (%)
SHARP
INTERFACES
REGION OF
INTERFACE FORMATION
0
1
2
3
4
5
B4C THICKNESS (nm)

FIG. 5

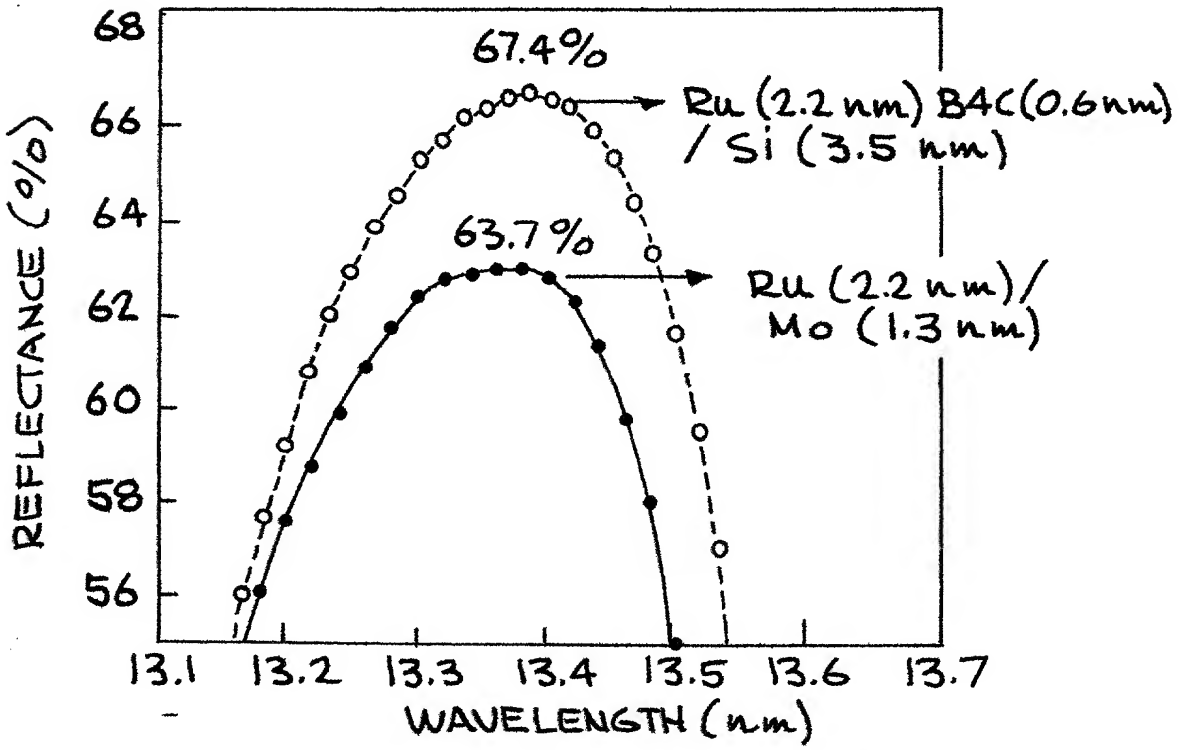
68
66
64
62
60
58
56
REFLECTANCE (%)
67.4%
Ru (2.2 nm) B4C (0.6nm)
/ Si (3.5 nm)
63.7%
Ru (2.2 nm)/
Mo (1.3 nm)
13.1
13.2
13.3
13.4
13.5
13.6
13.7
WAVELENGTH (nm)

FIG. 6